

Emmett

26-30 Jan 69

Memoranda



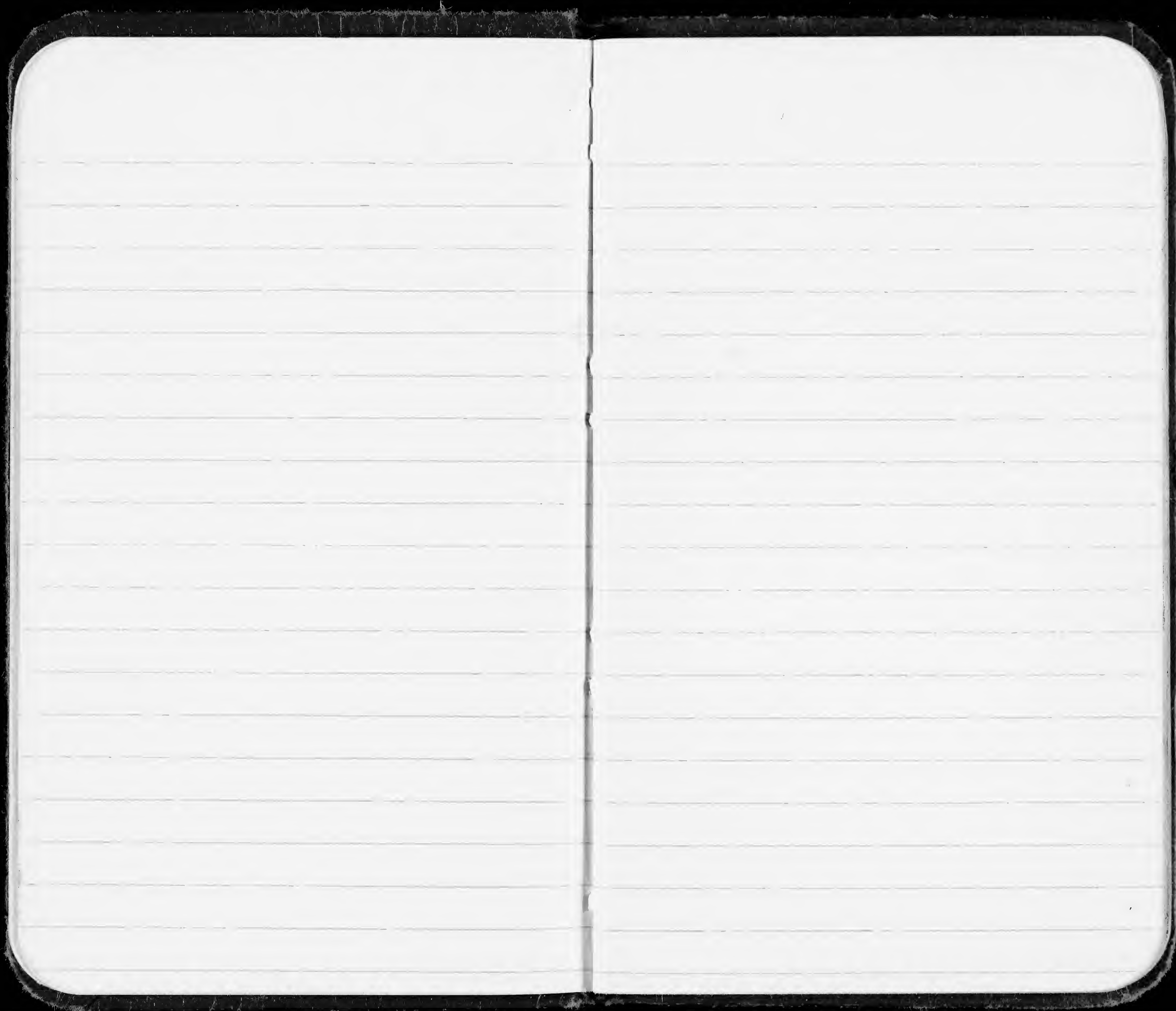


26 Jan 69

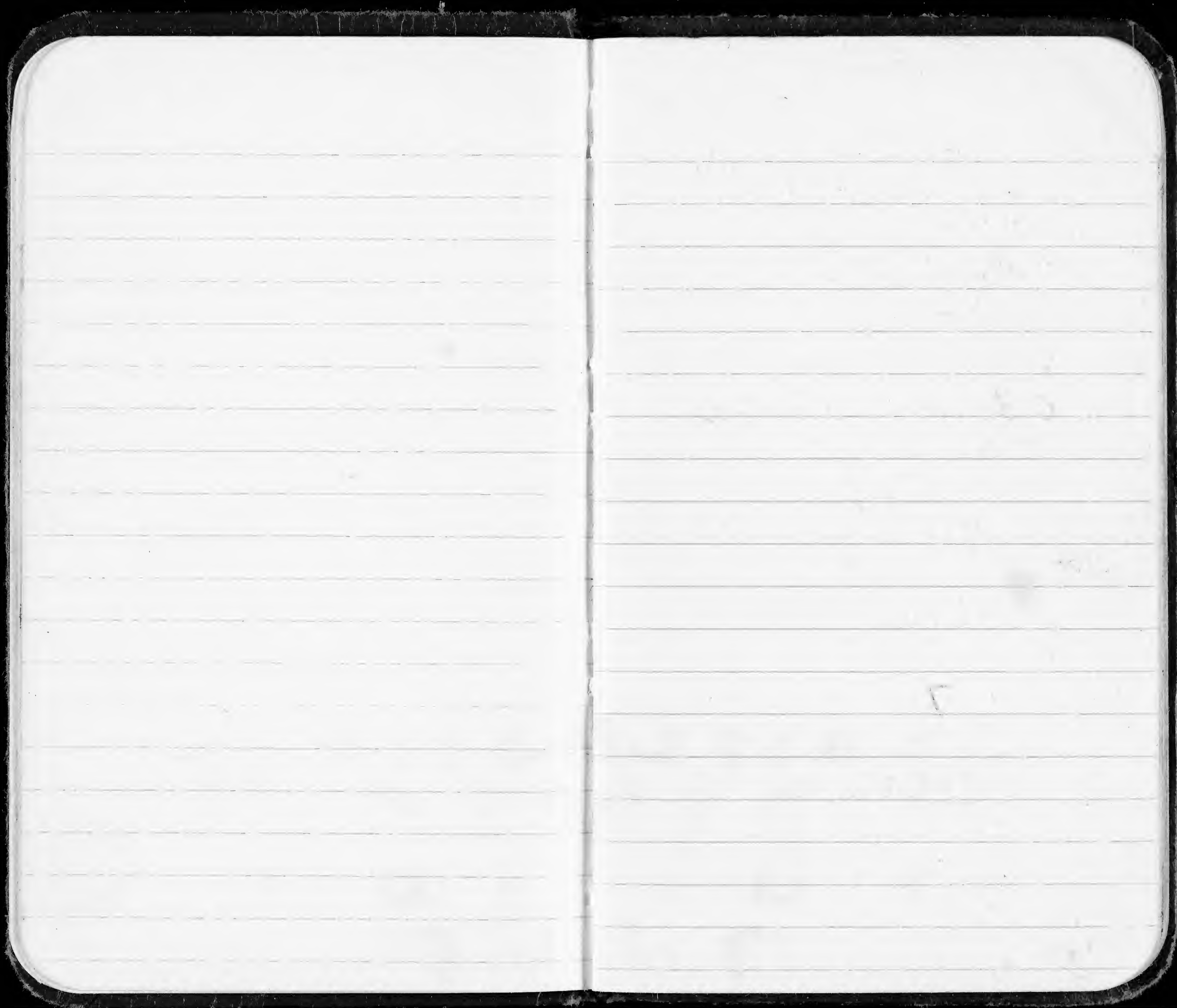
Tanet arrive 1200

arrive Kate 1230

Depart Kate 1400









used.  
70500009

26 Jan  
Kete

544 51602 <sup>Ad</sup> on ground  
next to post 0009 <sup>new band</sup> ad male

RT1 - Chick #009

RT2 010 ~~Ad~~ with 0005

RT3 0011 <sup>Ad</sup> with egg

RT4 610 LN + 012 Ad

RT8 013 + 014 Ads + 015 MN

RT5 016 Ad on egg

RT6 684 Ad on egg

RT7 686 Ad on MN 685

~~RT8~~

RT9 006 MN

RT10 607 LN

RT12 010 ~~Ad~~ + 613 Ad + SN <sup>too</sup> <sub>small</sub>

RT11 687 Ad + 007 LN

13 688 ~~Ad~~ MN

690 + 616 Ads on ground

14 620 LFY

15 623 LFY

16 - 018 Ad on egg

17 - 627 LN + 626 Ad

~~18~~ 019 Ad on ground

020 Ad on ground

18 - 008 LN

19 629 Ad / MA 92

20 632 LN

693 Ad + LN 021

022 Ad on egg

641 Ad on egg



RTTB #6 023 Ad on egg

~~RTTB #6~~ 690 ~~possible~~ Ad on ground.

RTTB #21 021 LFY

22 024 Ad on egg

23 ~~024~~ 639

24 641 Ad on egg

25 645 Ad on egg

26 644 LFY

27 694 MN

28 646 Ad on egg

~~28~~ 025 Ad 640

29 696 MN

30 698 MN

31 026 Ad on egg

~~32~~ 027 LFY  
~~13~~ 028 Ad

7 611 Ad

11 687 Ad

Ad 631 Read

was  
2.2 yesterday

LFY

Ad on ground



on ground in short grass  
+ brown plant.

CN  $1\frac{3}{4}$  ~~8000~~ ~~all~~ ~~all~~ ~~all~~

2 ~~1000~~  $\frac{1}{4}$

3  $\frac{3}{4}$

4  $\frac{1}{4}$

5  $\frac{1}{4}$

6  $\frac{3}{4}$

7  $\frac{1}{4}$

8  $\frac{1}{4}$

~~2~~  
~~2~~  
~~2~~



CN

1033-

9  $\frac{3}{4}$

10 80 -W 503

11 SN 0 502

12 SN W 501

13  $\frac{1}{2}$

14 ~~PA~~  $\frac{0}{4}$

15 SN 504

16 505 W SN

17 506 <sup>SN</sup> ~~py~~

07 MN

18 SN ~~4~~ 508

09 LRY 10 MN



19 8-M WS11

20 512 SN W

21 513 SN O

22  $\frac{0}{4}$

23  $\frac{0}{4}$

24  $\frac{3}{4}$

25  $\frac{0}{4}$

26  $\frac{1}{2}$

27 5N514 SW

28  $\frac{0}{4}$

29 515 SN W

30  $\frac{0}{4}$



Janet  
28 Jan Sooty Tern  
1033-05801-06000

843-96738 BV

111 Janet  
~~BH~~ ~~BH~~ 28 Jan Sooty Tern  
out Jan  
at 1300

1 BV

02 BV

03  $\frac{1}{10}$  refer

04 BV

05 BV

06 BV

07 to refer some dark feathers on breast  
+ underwing

08  $\frac{1}{10}$  refer

09  $\frac{1}{10}$  refer

10  $\frac{1}{10}$  refer

11 B  $\frac{1}{10}$

12  $\frac{3}{4}$  refer

13  $\frac{1}{2}$  refer

14  $\frac{1}{3}$  refer

15  $\frac{1}{10}$  refer

16 to

17 to

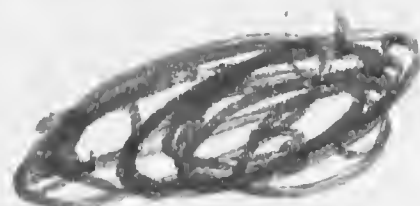
18  $\frac{1}{4}$

19 BV

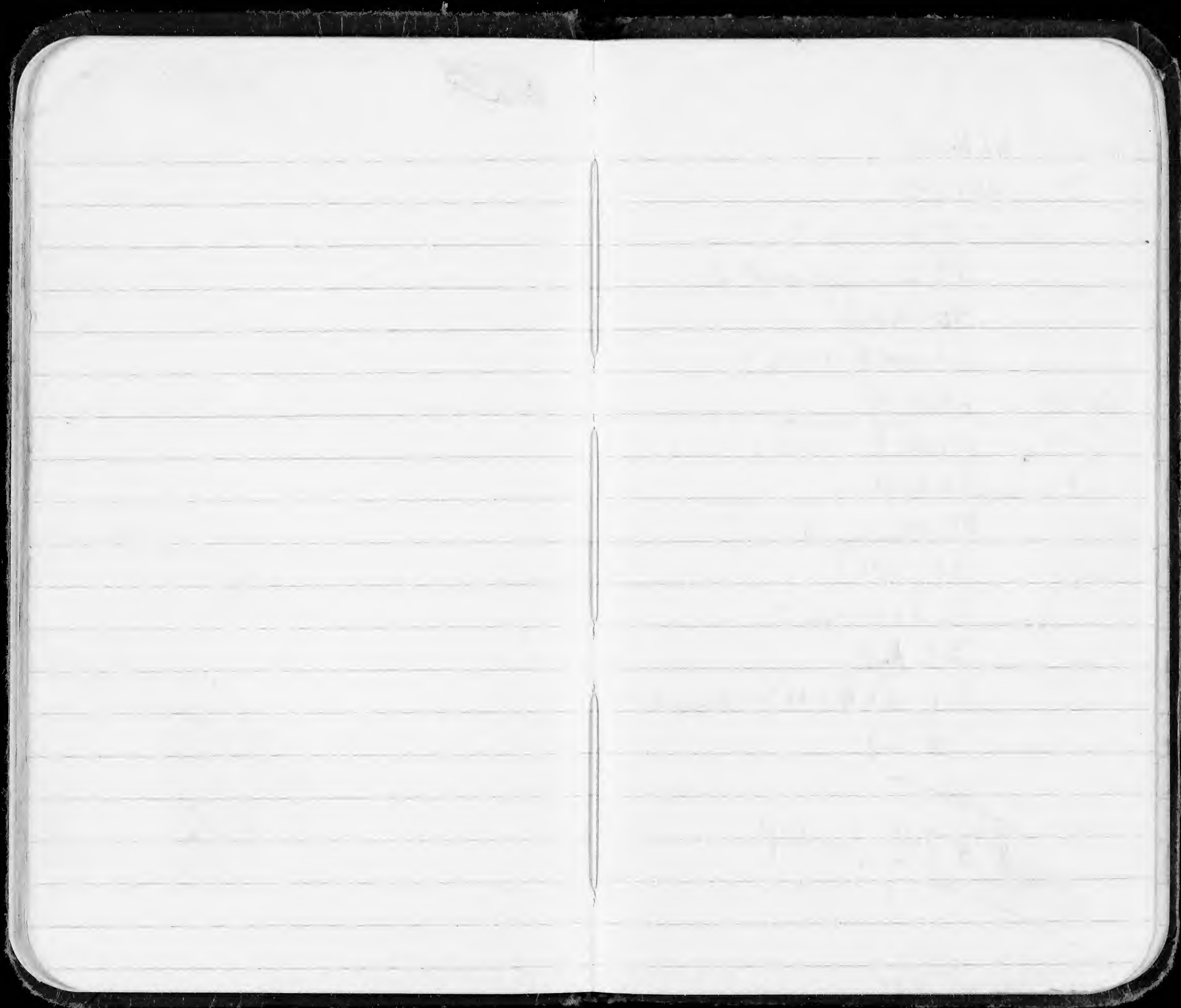
20 to



21 to refer









CN27 AL16-B

29 AL17-B

18 on egg B

19 on empty nest B

20-22 LN

23 LN + 24 AL B

CN8 25 AL B

3 27 AL B

17 28 AL B

29 AL on egg B

30 SN

31 AL on egg B

32 AD

33 AL<sup>B</sup> + 34 AL<sup>B</sup> + 35 LN<sup>w</sup>

36 LD

noted 37 AD No BP

reFe



29 Jan 69 Jan 7

ST

1033-01341 BS

F 42

BP  $\frac{1}{4}$  Ref

F 43

BP de vasc

F 44

BP  $\frac{2}{3}$  Refe

F 45

BP  $\frac{3}{4}$  Refe

F 46

BP de vas

F 47

BP Vas ed.

F 48

BP  $\frac{3}{4}$  Re-eh

X F 03549

BP Lasc

F 49

BP de vasc

F 50

BP  $\frac{2}{3}$  Refe

7 F 03012

BP  $\frac{1}{4}$  Refe

F 51

BP de vasc

F 52

BP Vasc

F 53

BP Vasc

F 54

BP  $\frac{1}{3}$  Refe

F 55

de vasc

F 56

Vasc

F 57

$\frac{1}{3}$  Refe

F 58

$\frac{1}{3}$  Refe



# F ST cont

F 59

F 60

F 61

F 62

04698

01287

63

Not  
bled

64

on egg

65

devos

66

Var

67

Devos

68

Devos

69

10 refen

70

Var

71

devos

72

10 refen

73

devos

74

devos

75

No BP

76

1/4 refen

77

Var

VASC

1/3 Re Fe

1/10 Re Fe

1/2 Re Fe

devos

VASC

1/10 Re Fe

78 3/4 refen

843 - 96 283

Var.

79

Var

80

Var

81

Var

82

10 refen

83

1/2 refen

84

Var

85

devos

97

DeVos

86

1/3 refen

98

DeVos

87

Var

99

10 refen

88

Var

100

Devos

89

1/3 refen

90

devos

91

2/3 refen

92

devos

93

1/2 refen

94

No BP

95

1/4 refen

96

Var



Common Noddy Irene  
29 Jan 69

- 38 LFY  
39 LFY  
40 SDY silver  
41 S-M DY "  
42 S-M DY gray  
43 SDY silver  
44 large flying young  
45 SDY dark  
46 SDY dark  
47 Fairy Tern LF chicks  
48 SDY dark  
49 M DY gray  
50 SDY silver  
51 SDY dark  
52 SDY dark  
53 SDY silver  
54 M DY silver  
55 SDY dark  
56 SDY silver  
57-8 M DY dark

~~Noddy Cont~~

59

504

silver

60

S-M by

dark



45  
 123  
 75  
 38  
 71  
 53  
 133  
 47  
 74  
 74  
 121  
 123  
 159

3 3/4  
 168  
 113  
 124  
 180  
 168  
 246  
 159  
 1158

30 Jan  
 30 Jan  
 240  
 813-76876

30 Jan  
 240  
 813-76876

30 Jan  
 240  
 813-76876

30 Jan. Hunt  
 Sooty Tern

1033-05561-71 Admazy bled  
 BP  
 72 imm - 85 Admazy bled  
 73 BP Devos  
 74 Devos  
 75 Devos  
 76 Devos  
 77 Var  
 78 Torrefea  
 79 Var  
 80 Var  
 81 Var  
 82 Devos  
 83 Devos  
 84 Devos  
 85 Devos  
 86 Devos - 600 Admazy not bled  
 87 Devos  
 88 Devos  
 89 Devos



30 Jan Forest Sooty Al  
 netted flying

90 Deves

91 Vas

92 Torrefen

93 Deves

94 Deves

95 Deves

96 Vas

97 Deves

98 2/3 refen

99 Deves

600 ~~1000~~

30 Jan Janet

WT

BP

RT

BTC

W

~~||||~~  
~~||||~~

~~||||~~  
~~||||~~

~~||||~~  
~~||||~~

||

||

||||

||||

22

||||

24

22

CT

BNT

||

|

2 H

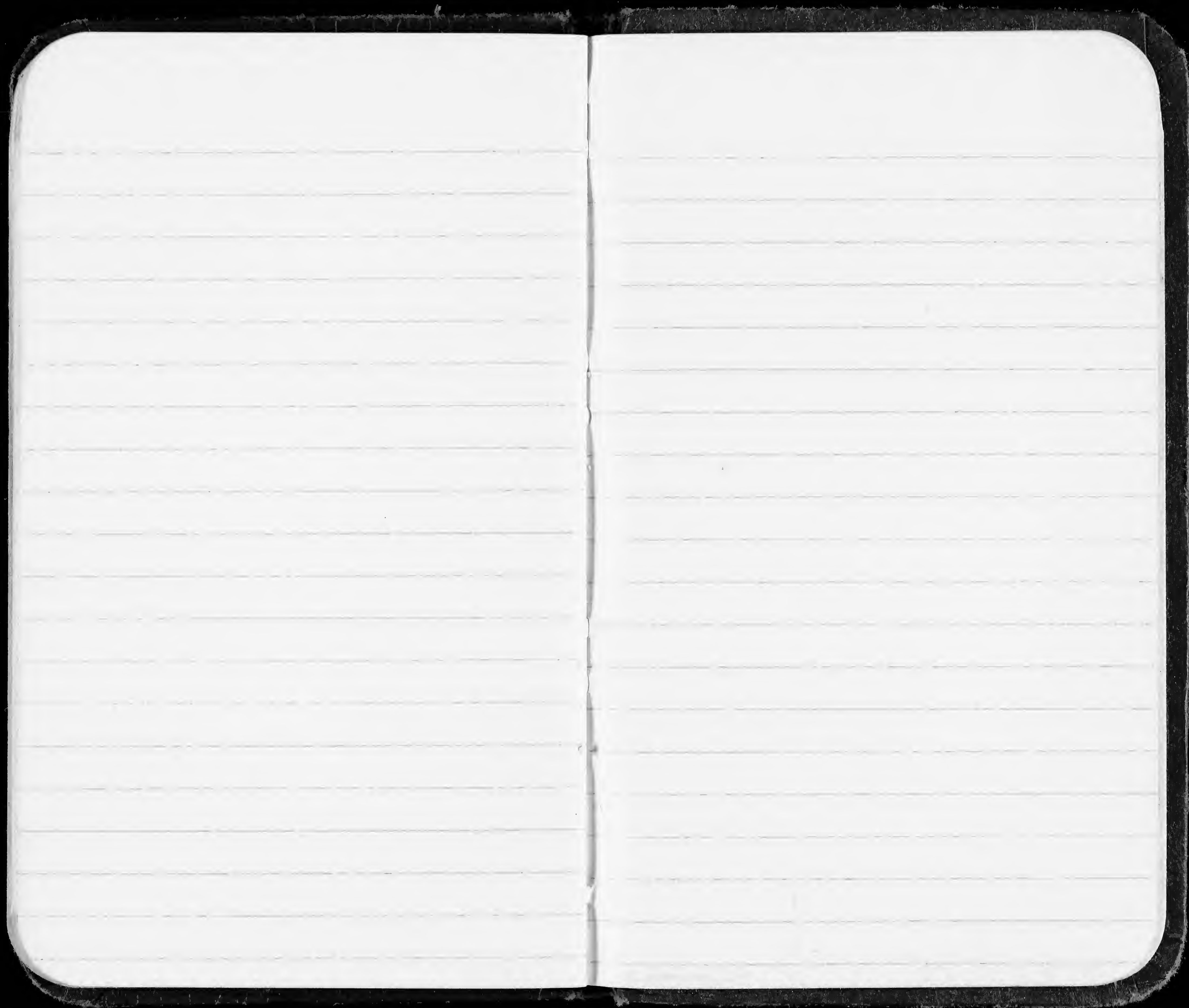
1 W

16-17 WT no BP

18 WT BP 1/2 refen







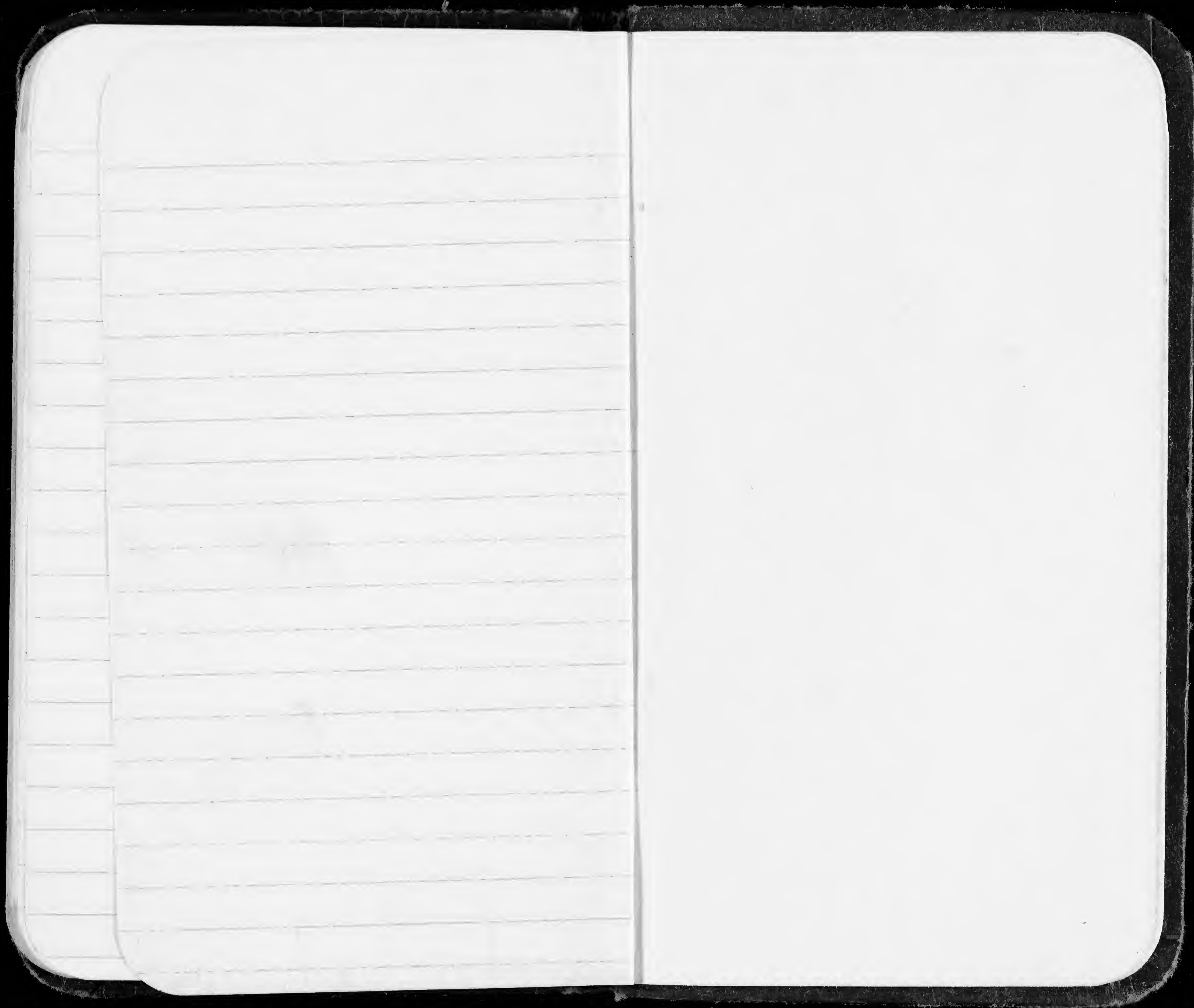


Ad ♂

♀

Sp. 11/11/11

Incubation









**7530-222-0078**

**FEDERAL SUPPLY SERVICE**

GPO 16-73124-1



Enlistment

2000

Memoranda



~~BLAD PODK~~

~~KISIANSKI ISLAND~~

~~12.00.1966~~



44  
A. H.  
H.

1-2pm Low tide

Fairy Tern 1  
Black Noddy 11

Whimbrel 1111

~~Coot~~

(6)

Semipalmated

Dark  
1

Int.  
11

light  
1111

Green St. B Heron  
across from fire station  
on Ocean side.

Eniwetok (Fred I.)  
Shorebird Count

8 Jan. 1969

Golden Plover: 111 111 111  
111 111 111 111 111 111  
111 111 111 111 11

(10)

(90)

Ruddy Turnstone: 1111

(33)

(24)

Wandering Tattler 1111

(22)

(15)

Phyngian Tattler 1

(15)

(16)

Reef Heron.



Radio calls from Janet  
0900 and 1700 Daily  
2716 KC Frequency Channel 4?  
Call signal = Smithsonian.

Janet Island

9 Jan. 69

Land 1090



Janet 9 Jan 69

Common Noddy  
one egg 9 ft up on top of  
vine (parasitic) covered Seaweed

Janet 9 Jan 69

Shorebirds NE Point

GP

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Wh.

||||

RT

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

BTC

||

WT

||

RH

L. 1

I

D 1

one flock 30<sup>+</sup> Gold. Plover  
flew over camp bunker



9 Jan 69  
ST Returns

~~843-96636 A on Egg~~

Janet 9 Jan 69

~~Sooty Tern Banding~~  
1033-01201-27 A on chicks

~~Just hatched or hatching  
448 colony 228-400 A on eggs~~

~~1033-02001-02100 A on eggs~~

~~1033-01401-600 A on eggs~~

~~1033-01801-900 A on eggs~~



9 Jan 69 Tanet

Sooty Tern colony.

A small portion of ca. 4000 birds (first impression estimate) is roughly in the center of the runway, mostly on the north side. These were almost invariably with one day old down to just hatching chicks. The few eggs noted were often ~~perched~~ piped. Of 27 adults that I banded here, 25 were taken off recently hatched chicks (many with the egg shells lying beneath the adult) and two were taken off eggs.

The above small colony is separated from the much larger colony to the east which is spread



9 Jan 69 Janot

Sooty Terns cont.

across both north & south sides of the runway all about the eastern end. There were all with eggs. Banded 525 here and in all saw only one recently hatched chick. The few eggs stepped on ~~were~~ ranged from  $\frac{1}{3}$  -  $\frac{3}{4}$  incubated.

I noted at least 5 2-egg clutches, 4 of which were almost certainly of the same parent; one was obviously the product of two birds.

As a rough estimate I think the colony is easily 35-40,000.

I picked up one return



9 Jan 69 Janet

Sooty Tern cont

and Huber picked up 4 returns.

This is a very closely packed colony, despite abundant room for expansion on exactly comparable open ground. The nesting area was primarily on open ground densely interspersed with the matted, tufts of short grass. Occasional tall 9-10 foot clumps of Messerschmidia interspersed. Many of the birds building neat leaf nests. Some Sporaea throughout portions of the nesting area.



10 Jan 69 Janet

7 old nests of Black Noddy  
in a Messerschmidia  
tree at West end of runway.  
One young which flew.



arrive 1015

10 Jan 69 Irene

BTC

III

GP

III

III

WT

1

1

RT

III

III

III

III

III

III

III

Wh.

1

One fairy tern egg 5 ft up in  
messes - crotch

Reef heron 1 light, one <sup>noisy</sup> nest in 2 ft pipe

Curled Tern 1

3 C. noddys w eggs

Black Noddy 7

est. White tern 550-600

est. ~~Black~~ C noddys 1000-1200

Sooty Terns flying over

1 frigate bird overhead



Greene 10 Jan 69  
cont

Noddy eggs IIII IIII IIII  
Chicks III

~~Red 10~~

~~Blue 10~~

~~Orange 20~~

~~Black 6~~

~~8~~

~~White 8~~

~~8~~

~~6~~

~~8~~

~~2~~

~~4~~

~~2~~

~~6~~

~~4~~

~~6~~



1  
48  
54  
102

1  
38  
49  
87

18 Jan 69 Janet

Sooty Terns (small)  
(w/long)

chicks ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~  
~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

(54)

eggs ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~  
~~|||||~~ ~~|||||~~ (38)

broken unhatched ~~|||||~~ ~~|||||~~ (2)



Jan 25 - 1904

Jan 26 - 1904

Jan 27 - 1904

Jan 28 - 1904

Jan 29 - 1904

Jan 30 - 1904

Jan 31 - 1904

Feb 1 - 1904

Feb 2 - 1904

Feb 3 - 1904

Feb 4 - 1904

Feb 5 - 1904

Feb 6 - 1904

Feb 7 - 1904

Feb 8 - 1904

Feb 9 - 1904

Feb 10 - 1904

Feb 11 - 1904

Feb 12 - 1904

Feb 13 - 1904

Feb 14 - 1904

Feb 15 - 1904

Feb 16 - 1904

Feb 17 - 1904

Feb 18 - 1904

Feb 19 - 1904

Feb 20 - 1904

Feb 21 - 1904

Feb 22 - 1904

Feb 23 - 1904

Feb 24 - 1904

Feb 25 - 1904

Feb 26 - 1904

Feb 27 - 1904

Feb 28 - 1904

Feb 29 - 1904

Mar 1 - 1904

Mar 2 - 1904



101  
 45  
 ---  
 144

10 Jan 69 Janet  
~~Booby Tern~~ ~~large colony~~  
 west portion of large E colony

eggs - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~

21

(101)

~~chicks~~ ~~||||~~

(3)



$$\begin{array}{r} 2 \\ 40 \\ 42.5 \\ 17.5 \\ 34 \\ 36 \\ \hline 170.0 \\ 34 \\ \hline 5 \overline{) 170} \\ 15 \\ \hline 20 \\ 20 \end{array}$$

10 Jan 69 Janet

Sooty Tern 5 portions of  
large E. colony due by midway

sample 10x10 ft. plots

1. 40 eggs

2.  $\frac{41}{44}$  eggs (double clutch)  
 $\frac{285}{42.5}$

③  $\frac{16}{19}$   
 $\frac{435}{17.5}$

4  $\frac{35}{32}$   
 $\frac{267}{34}$

⑤ 36

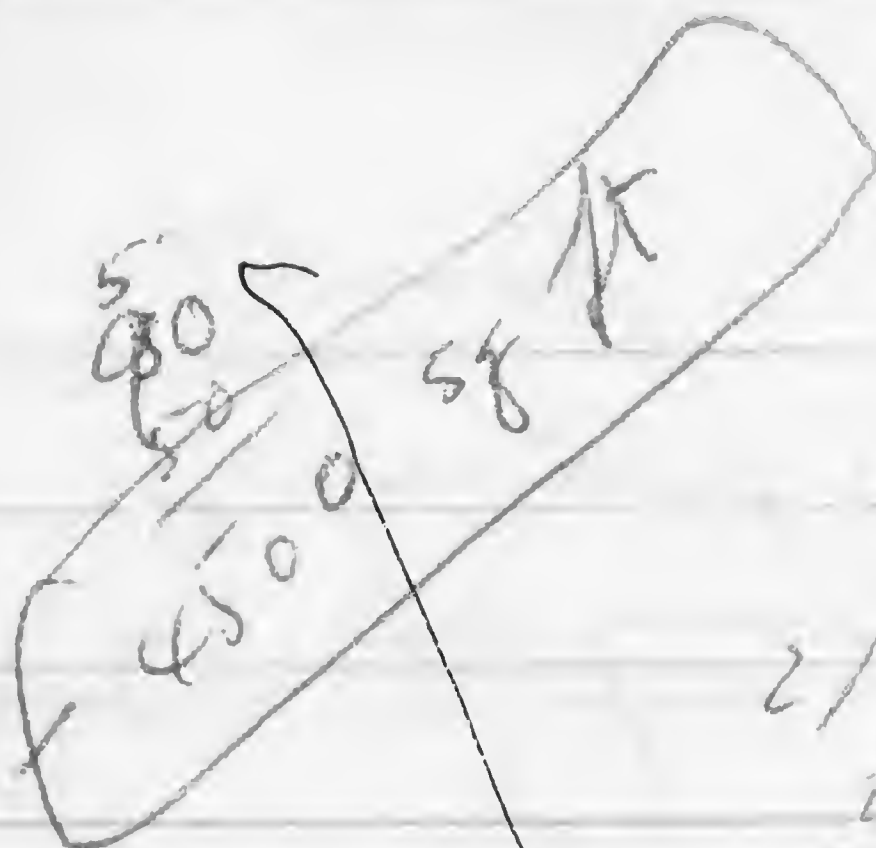
$\frac{10X}{10}$   
 $\frac{100}{100}$

17.5

3X =

ave  
10x10 plot



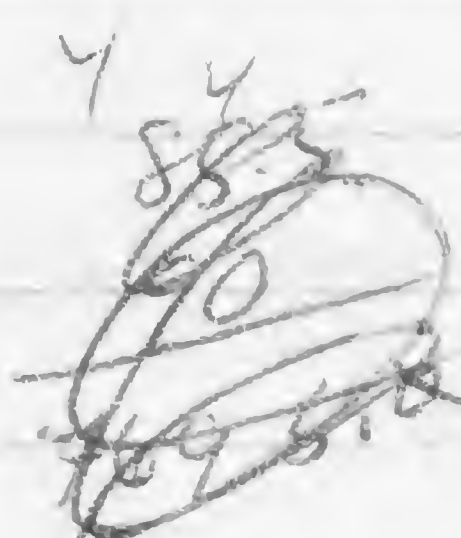


$$\begin{array}{r} 85.5 \\ 180 \\ \hline 1539.0 \\ 85.5 \end{array}$$

$$\begin{array}{r} 2 \overline{) 171} \\ 16 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 170 \\ 3 \\ \hline 510 \end{array}$$

$$\begin{array}{r} 18 \overline{) 60} \\ 54 \\ \hline 6 \end{array}$$



last 60 yds =  $\frac{1}{2}$  depth

$$\begin{array}{r} 111 \\ 111 \\ \hline 222 \\ 111 \\ 111 \\ \hline 444 \\ 111 \\ \hline 12321 \end{array}$$

$$\begin{array}{r} 510 \\ 180 \\ \hline 330 \\ 171 \\ \hline 501 \\ 330 \\ 2310 \\ 330 \\ \hline 56430 \end{array}$$

large colony  
60 ft. long & deeper

1st (S) portion 111' x 111' = 12,321 sq ft

2nd (N) portion 171' x 510'

$$\begin{array}{r} 796.4 \\ 700 \overline{) 79641} \\ 760 \\ \hline 364 \\ 900 \\ \hline 641 \\ 600 \\ \hline 410 \end{array}$$

$$\begin{array}{r} 12,321 \text{ sq ft} \\ \hline 15,390 \\ \hline 56,430 \end{array}$$

$$\begin{array}{r} 3211 \\ 796.4 \\ 34 \end{array}$$

$$\begin{array}{r} 84,141 \\ 4500 \end{array}$$

79,641 sq ft

$$\begin{array}{r} 31856 \\ 23892 \\ \hline 27077.6 \end{array}$$

$$\begin{array}{r} 27,078 \\ 995 \end{array}$$



10 Jan 69 Janet

	Chicks	Eggs	Broken
Small w. colony	102	87	25
	7	146	20

109 233

27,078

27,311

Chicks 109

Eggs 27,311

add easily another 1000 eggs  
broken, especially along  
E edges (along road) of  
colony.

Probably as many  
birds standing about as  
there are sitting on eggs.



Ruddy Turnstone  
~~Bottas~~ Predation  
<sup>nesting</sup>  
on Sooty terns  
1

10 Jan 69 Janit Is.

Roughly 1800 one Ruddy  
turn. was noted walking  
thru edge of colony. Most  
<sup>ST</sup> birds gave evidence of attempted  
pecks, but none really attacked  
the turnstone. Terns pushed  
very close together (as close  
as 1 ft apart). ~~within~~ The  
turnstone ventured as far  
into the massed birds as  
perhaps 10 ft, quickly side-  
stepping all terns &  
again returning to the  
clear area at the edge of  
the colony. Within 15  
minutes & more



RT Cont

Turnstones flew into the vicinity at the edge of the colony. Within a few minutes 3 of them ~~to~~ started working a Sooty tern on an egg. The turnstones moved rapidly about the tern on all sides, the tern lunging at one and the other turnstones spontaneously running toward the egg. Then a 4th turnstone joined the other 3. The Sooty made some rather vicious lunges and short chases (perhaps a foot) toward one or another of the turnstones. At each lunge or chase one or more



RT cont

of the turnstones would  
be darting in toward  
the egg. Finally one  
more lunge, one of the  
free turnstones reached  
almost under the tern  
and pecked the egg.

Another Sooty had  
come up to the defending  
Sooty on egg once  
was pecked by the  
incubating bird, moved  
away a few feet and  
returned to the incub-  
ating birds side - without  
being pecked again  
by the incubating bird.  
However, the free tern  
made no pecks at  
any of the maneuvering



RT cont

Turnstones. The incubating Tern was blue streamer and hence could not be mistaken through out the episode. We were parked in a vehicle watching with binocs (Anker) at a distance of ca. 60 ft.

Thus it is now clear why so many eggs are eaten along the edge of the colony.

There was no question as to the teamwork of the Turnstones.



RT cont

The egg had a huge hole (ca  $3/4$  inch) in it when examined. One of the turnstones was banded and was collected when it moved into the open.

At least 7 turnstones at 1900 working a small Sooty colony. As one tern left her egg, a Ruddy moved in and peck ~~at~~ three times. At the exposed egg, darting away as the tern came back. Hence the turnstones are probably destroying great numbers of eggs.



R7 Cont

A couple jooties started  
fighting and a wandering tern  
moved right in immediately  
apparently to see if there was  
an unprotected egg

Many birds not even on  
eggs would chase the tern  
But the most severe lunges  
seemed to come from  
incubating birds



10 Jan 69 Janet  
Sooty tern  
Returning

913-26405 on egg

10 Jan 69 Janet

Sooty tern banding

#1033-02101 - 03000 Adn Eggs



11 Jan 69 Janet

Common Noddy Nests

both sides of road by runway

Egg ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ||

~~87~~

87

49

136

Chick

Sm

med

lg

||||

1

||||

||||

||||

19

1 mbr, 1 hl chick

3  
14  
5  
85



L

NE + 52

SP 47

RT 61

W 6

WT 5

RT 1W/2M

C

11 Jan 69 Janet

Shoreland Count

F Sand to NW corner

GP - IIII IIII IIII IIII IIII

IIII IIII I

(41) + 55 (96)

RT - IIII IIII IIII IIII IIII

IIII IIII

(40) + 27 (67)

~~BTC~~

Runway +  
interior

W (1)

GP 55

RT 27

WT IIII (4)

PT



11 Jan 69 Janet

Green streamers mottled  
Reef heron on SE  
point where rocks go  
out into reef.

11 Jan 69 Janet  
~~C. Noddy~~



St Banding 11 Jan 69  
Janet

~~1033 - 03001 - 100 AME<sub>55</sub>~~  
~~03201 - 300 AME<sub>55</sub>~~



Kate 12 Jan

RTTB ~~RTTB~~ Returns

bleeding

(544-51680 Ad. w/s

83 NB

13 A on E

15 L ~~LFY~~

17 L ~~LFY~~

20 LN

22 A w LN 23

28 A on E

~~29~~ A on SN 92

Barfed up 4" squid

31 A w LN 32

42 A on E

45 A on E

51 A w SN 94

46 A on E

Kate

12 Jan 68

Wound 1000

Tropical and bleeding

544-~~51680~~ 51681 Ad w MN

82 Ad w egg

~~83~~

83 ad w SN

84 ad on E

85 SN

86 Ad w SN (85)

87 A w MN

88 ~~SN~~ SN

LFY  
w LFY 15

89 A w LFY

w LFY 17

90 A w LN

91 A w LN 20

92 SN (ad 24

93 A w LN

94 SN

95 A w SN 96



Kate 12 Jan  
RTTB 680 both with  
683  
large flying fish in  
throat

Kate 12 Jan RTTB  
~~96 SN~~  
~~97 lost~~  
~~98 LN~~  
~~99 A on E~~  
~~700 A w SN 92~~



12 Jan 69

Tanet

~~Sooty Tern Returns~~

~~773-48481 A on E~~



19 Jan 69

Ray

Return

712-59387 FT Ad BPh

19 Jan 69

Rest

Depart

arrive 1920 - 2000

Banding

712 - 59402 FT Ad. Ray

03 FT SDY

04 FT Ad BPF

B P vase later 05 BN Ad on Nest  
sh. egg in ovid.

~~06 BN B P vase~~

06 ~~BN~~ FT SDY

07 FT Ad







20 Jan 69

Clyde arr. 0945<sup>-</sup>  
Dept. 1000

RT III

Wh I

GP I

est. 20% coverage  
est 60 adults

FT III Eggs Chicks 150

CN Eggs ~~III~~ ~~III~~ ~~III~~ ~~III~~

~~III~~ ~~III~~ ~~III~~ I

est. 40% coverage  
est 400 ads.

no chicks



Van 20 Jan 69

arr 1130

CN Eggs ~~10~~ ~~10~~ ~~10~~ 54

SD Chicks 100 1 1

1st on small separated island

large island

CIV Eggs 111

TT Eggs 11

LD 111

HN Eggs 1

RT 111 111 111 111

BTC 11

GP 111 111

RH 1 wh.

WT 11



20 Jan 65

Gyverne

arr 1330

RT ~~III~~ II

GP ~~III~~ ~~III~~ ~~III~~ ~~III~~ I

Wt 1

RH 1 wh, 1 dk

Wh. 1

one old Reef Heron Nest in  
an old rumpled giant piece  
of corrugated tubing N end  
of island. Apparently built  
also roosts there as much  
dropping under a support.  
nest used many times -



arr. 1600

Tilda 20 Jan 69

Sally Depart 1800

2 Wh Reef herons perched  
near nest in upper bunker.  
1 mott. 1 full dark

GP 1/1

arr Sally 1645 <sup>Same day</sup>  
depart ~~1800~~ 1730

RH 1 mott. 1 dk.

GP ~~1/1~~ 1/1 1/1 1/1

RT 19 + 8 + 2

Longheads 1

WT 115

+ 145

CN eggs ~~1/1~~ 1/1 1/1 1/1 1/1 1/1

SD <sup>dark</sup> 1/1 <sup>water</sup> 1/1 1/1 1/1 1/1

LF 1/1 1/1

RT 1 egg ← Tilda



20 Jan 1500-1600

fuel

PT

WT

SP

RT

W

RH

3

1

2

11

1

1W

1

2

12

10

2

111

2

2

2

1111

2

2

2

2

2

2

3

2

2

3

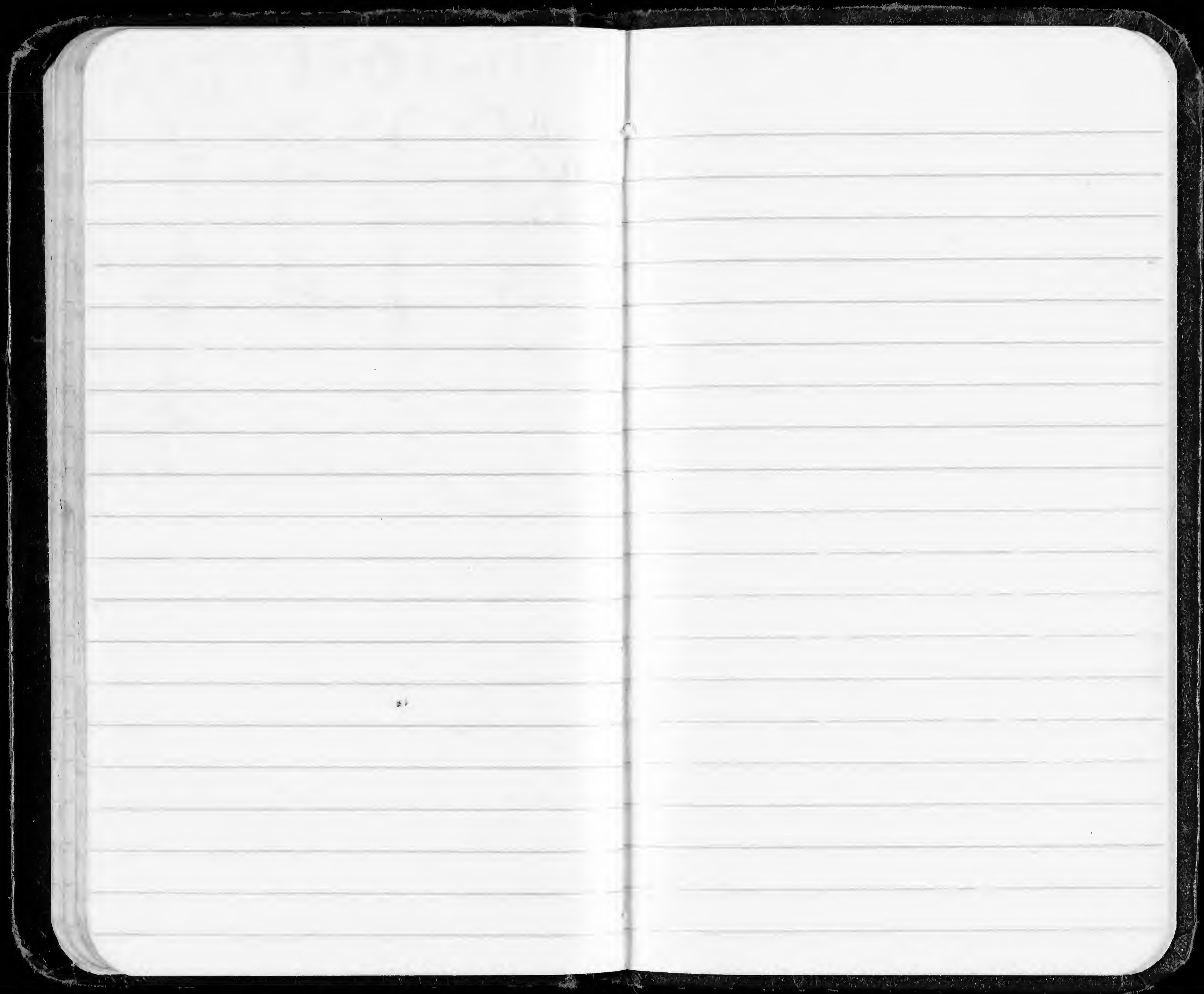
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2

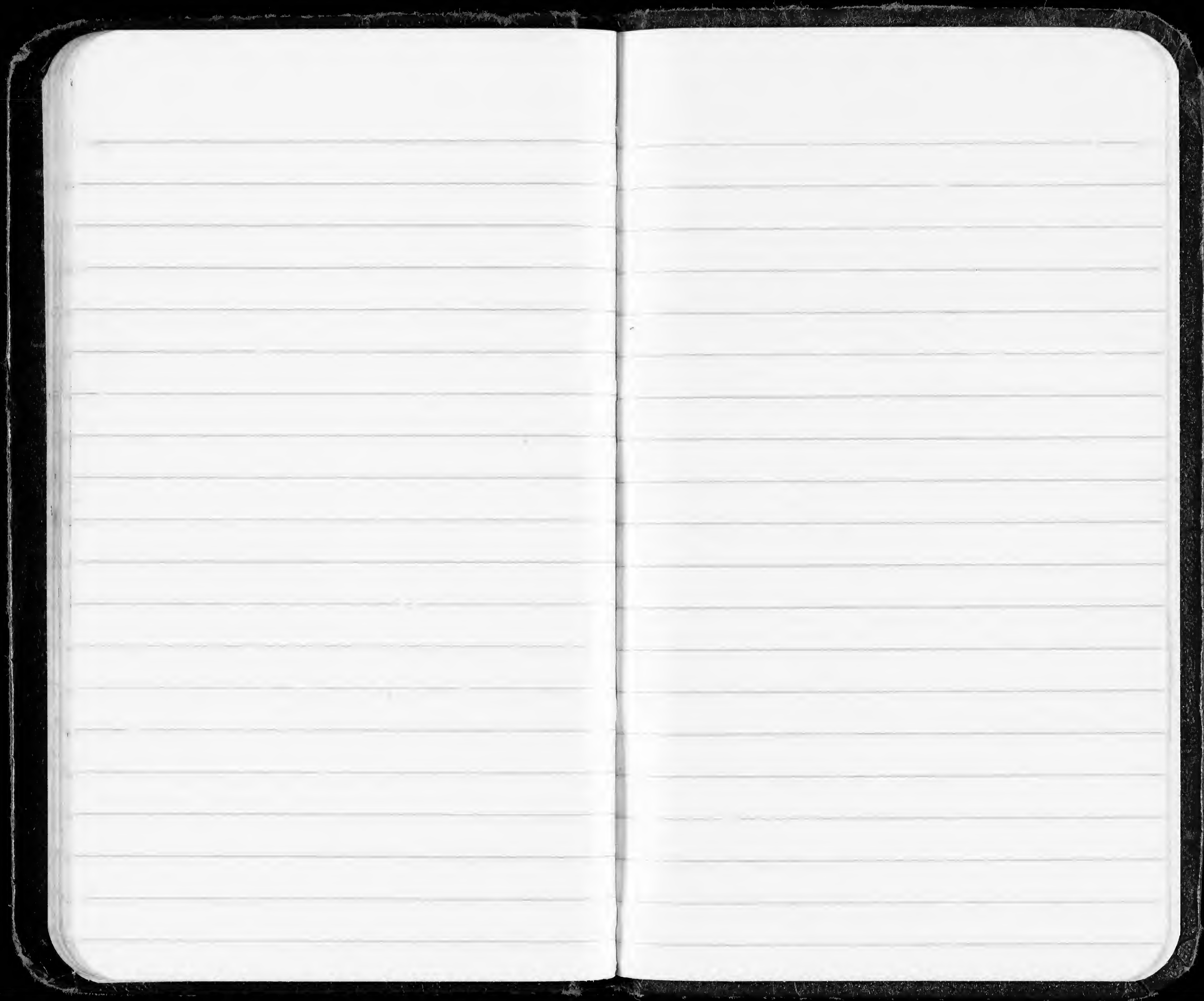
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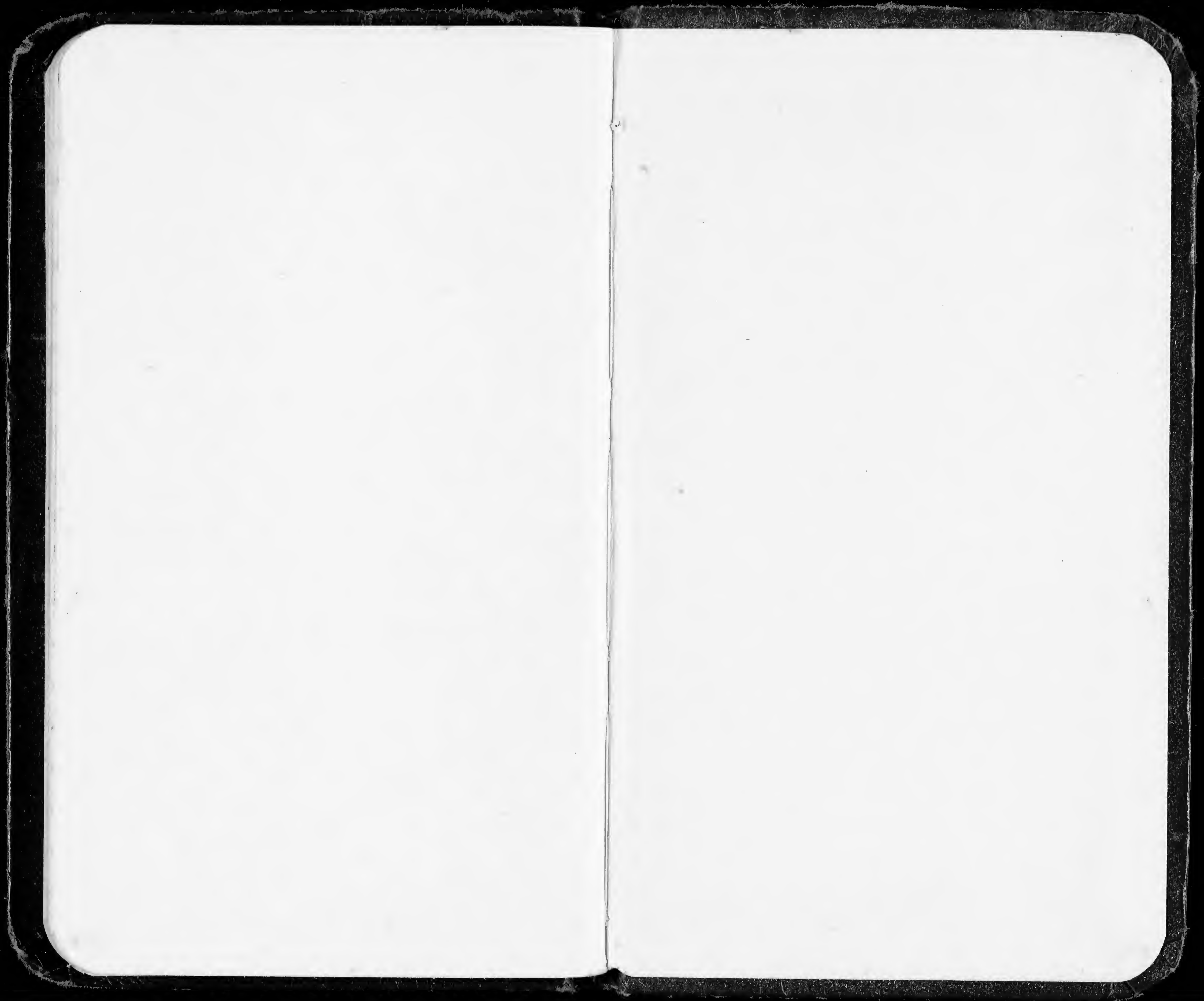














7530-222-0078

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GPO

16-73124-1



Memoranda

RB



9 Jan, 1969

103301001 - ~~200~~ 29 SN 30-99 on egg 1/2

Sooty tern  
Janet Island.

020 Subad

21-22 pair

23-24 pair

100 GP stream

---

104 - 200 on egg

601 - 800

901 - 2000

1

2

1

001

101

201

301

∴



Sidy terms 9 Jan Janet

843 96124 onay

753 24280 VBP

843 96286 VBP

743 55267 VBP



9 Jan Janet

1033-00828 N Br Noddy

29 S Plover

10 Irene Br N

LA

1033-00830-31

32-35



1 DC  
 3 broken

Eggs	col #	chick
<del>    </del>		<del>    </del>
<del>    </del>		<del>    </del>
	10	
	10	
9	9	5
10	10	7
7	10	
3		
	10	
<del>    </del>		<del>    </del>
	49	6
		<del>    </del>
		48



col #<sub>2</sub>

W part of 2 Ecology

~~42~~  
~~11~~  
~~11~~  
~~11~~  
~~11~~  
10  
~~11~~  
10  

---

45

1111

---

4



L E Colony  
Earth pulley

10 Jan Janet  
saw on egg

1033 04001 - 500

03501 - 4000

Returns 10 Jan Janet  
823 25705 on egg  
843 96356 "  
96472



10 Jan. Janet  
~~white~~  
~~Fairy~~ term

71259393 BPB (not vas)

94 BPB (not vas)

95 ~~BPB~~ NoBP

96 BP  $\frac{1}{10}$  repeat

97 NoBP

98 Local



5ND  
#44

3



Br-Abc

SND  
#44

Egg

2N-

SND 03

~~||||~~

~~||||~~

#46 ~~||||~~

~~||||~~

1.

~~||||~~

10

~~||||~~

~~||||~~

10

~~||||~~

12

12

~~||||~~

7

||

49







Blond Br Noddy 11600 Jan 1961

1033-00847-48 Ad on egg

49 Ad on MN

50 Ad on egg

51 Ad on SN

52 Ad VBP

53 Ad on egg

54 \ per SN

55

56 Ad BBP

57 Ad BBP

58 Ad on egg Broken

59 Ad on MN

60 Ad on LN

61 Ad on egg

62 Ad on egg

63 Ad on egg

64 Ad on egg

65 on egg

66 on egg

67 on egg

79

68 ~~on egg~~

69 on egg

70 on egg

71 on egg

72 on egg

73 on SN

74 on egg no sample

75 on egg

76 on egg

77 LN

78 LN

79 LN

80 LN

81 LN

82 LN

83 LN

84 LN

85 LN

86 MN

87 SNW

88 MN

89 MN

90 MN

91 SN O

92 LN

93 SN Grey

94 MN

95 LN

96 MN

97 MN

98 MN

99 SN ON

100 MN



11 Jan Br No 3 Blood Jar 1

103300 01 LN

02 LN

03 LN

04 LN

05 Along

06 "

07 "

08 SN D

09 LN

10 LN

11 LN

12 LN

13 LN

14 Along No sample

15 Ad on LN

16 Along

17 Along

18 LN

19 LN

20 Ad on egg

21 Ad ready to lay egg

22 imm no sample

23 SN D

24 Ad on SN

25 Ad No BP

26 26 → 01000 Sooty tern  
Ad on egg

27

28



Sooty Tern A. L. on egg  
Jan 11 Jack  
1033 08101-200  
301-400

913-25300 on egg  
J



12 Jan Kato  
RTTB LN

~~705040009~~

~~Return Sooty  
12 Jan~~

~~843 96368 one egg~~

~~96369 one egg~~

~~96380 "~~

~~96479 VBP~~

~~✓~~

~~12 Jan Janet Sooty Blood  
1033 04901-65 blood restrot~~

~~Adm egg  
1033 03401500~~

~~1033 04501-900~~

~~Fairlyton 10 Jan Janet~~

~~712-59399 no BP~~

~~400 BPB~~



SP	<del>RT</del>	RT	PT	RA
<del>11</del>	<del>1</del>	6	2	3 <del>W</del>
2		9	2	1 tom
3		12	2	10
4		6	2	
13		1	4	
		4	<del>1</del>	
		4		

~~WT~~  
~~11~~  
~~\*~~

2 1/2  
3 1/2  
4 1/2  
5 1/2  
6 1/2  
7 1/2  
8 1/2  
9 1/2  
10 1/2  
11 1/2

Shoubid Elmer 16 Jan

WT	PT	RH	SP	RT	W
<del>11</del>	1/11	W Om	<del>11</del>	4	11
<del>11</del>		1 11 1	<del>11</del>	<del>5</del>	
		Dw/wing tip	<del>11</del>	8	
		1	<del>11</del>	1	
FT			10	10	
11			<del>11</del>		
			<del>11</del>		
			12		
			10		



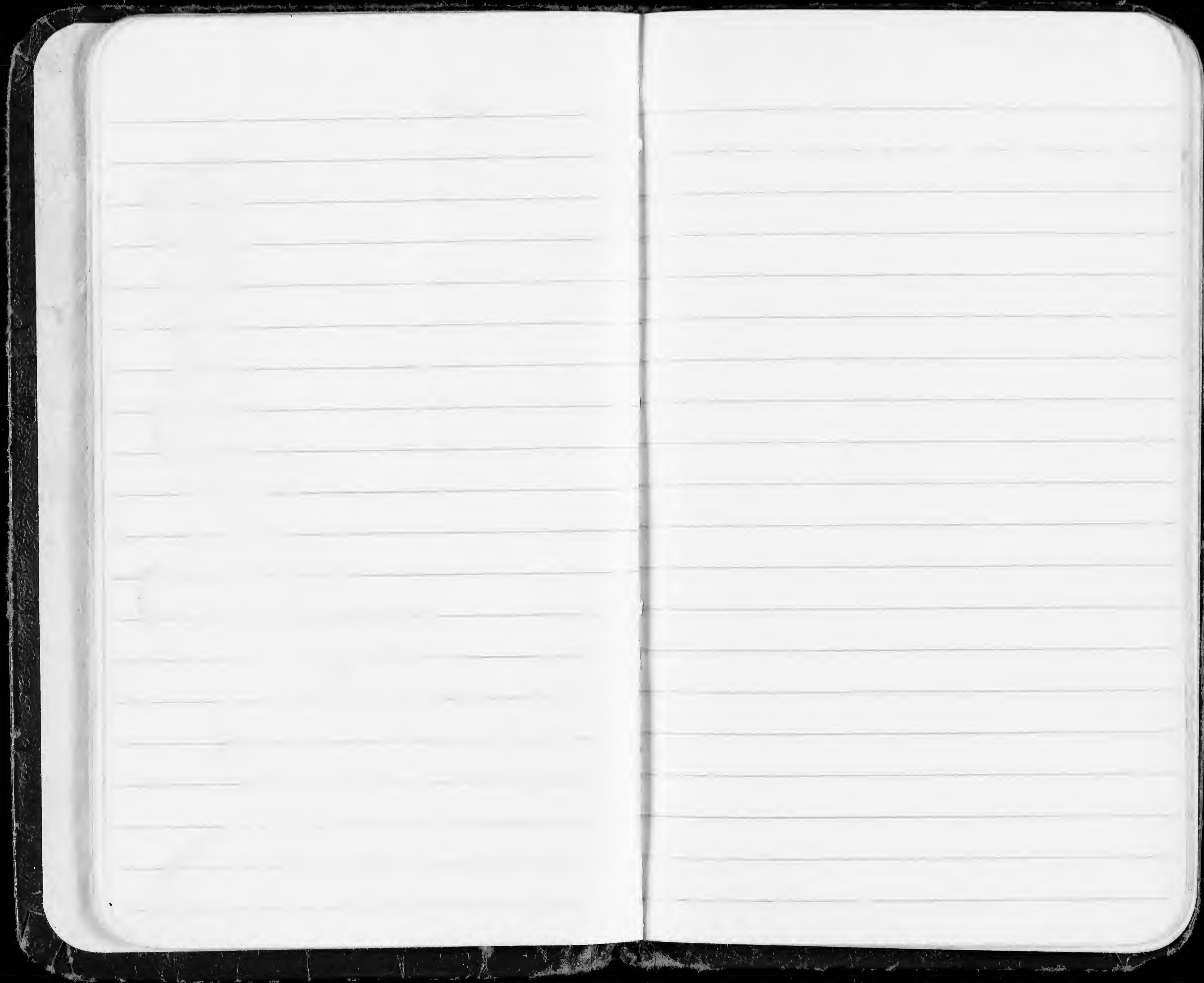
David 16 Jan  
Shorebird

SP  
10  
1

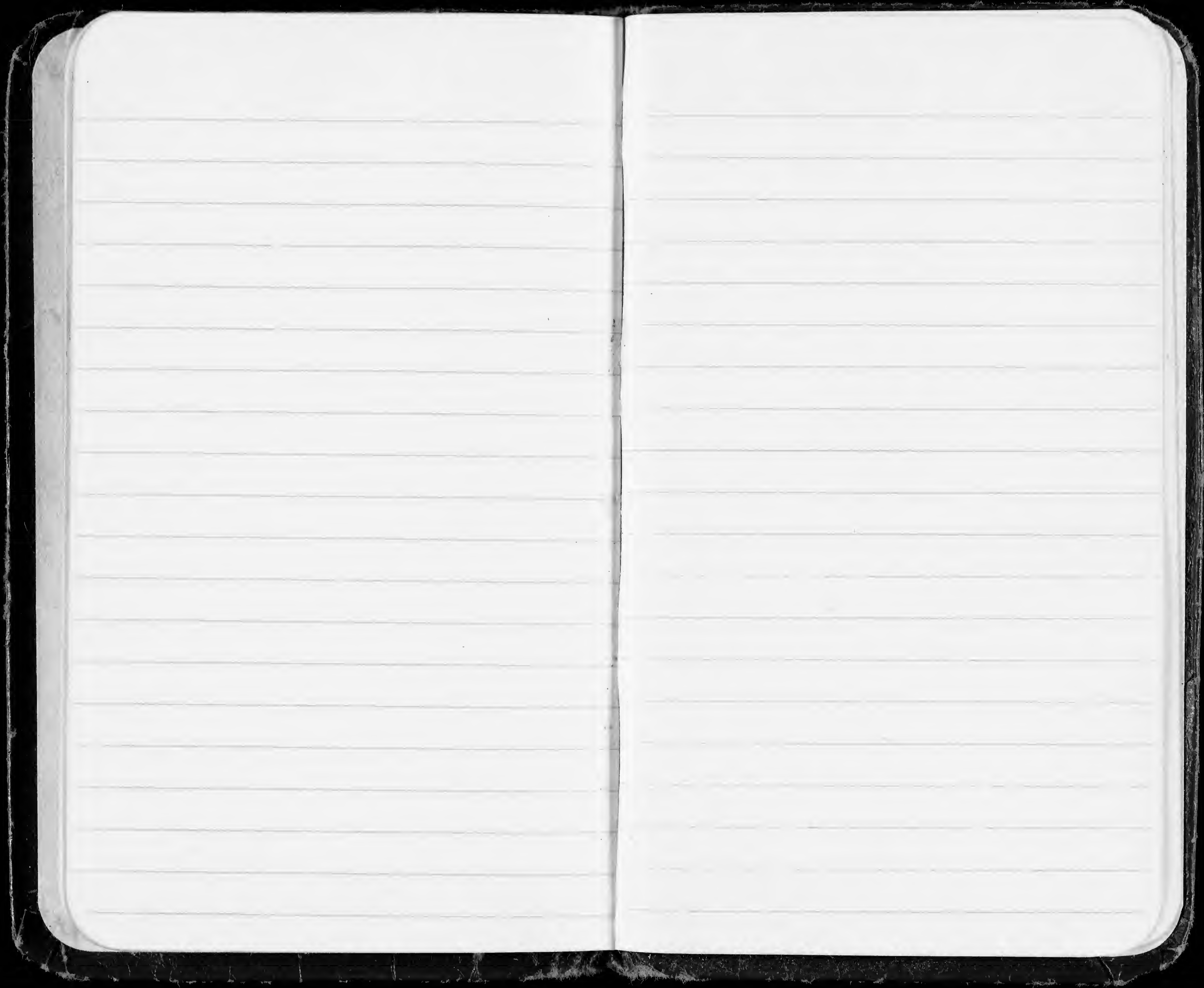
WT RH  
2 1W

90  
01  
1



















7530-222-0078

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GPO 16-73114-1